

REMARKS

Drawing submittal.

Attached please find six (6) sheets of drawings in the above-identified application.

Please charge any other fees which might be due with respect to Sections 1.16 and 1.17 to the Deposit Account of Lerner and Greenberg, P.A., No. 12-1099.

Respectfully submitted,



Loren Donald Pearson (Reg. No. 42,987)

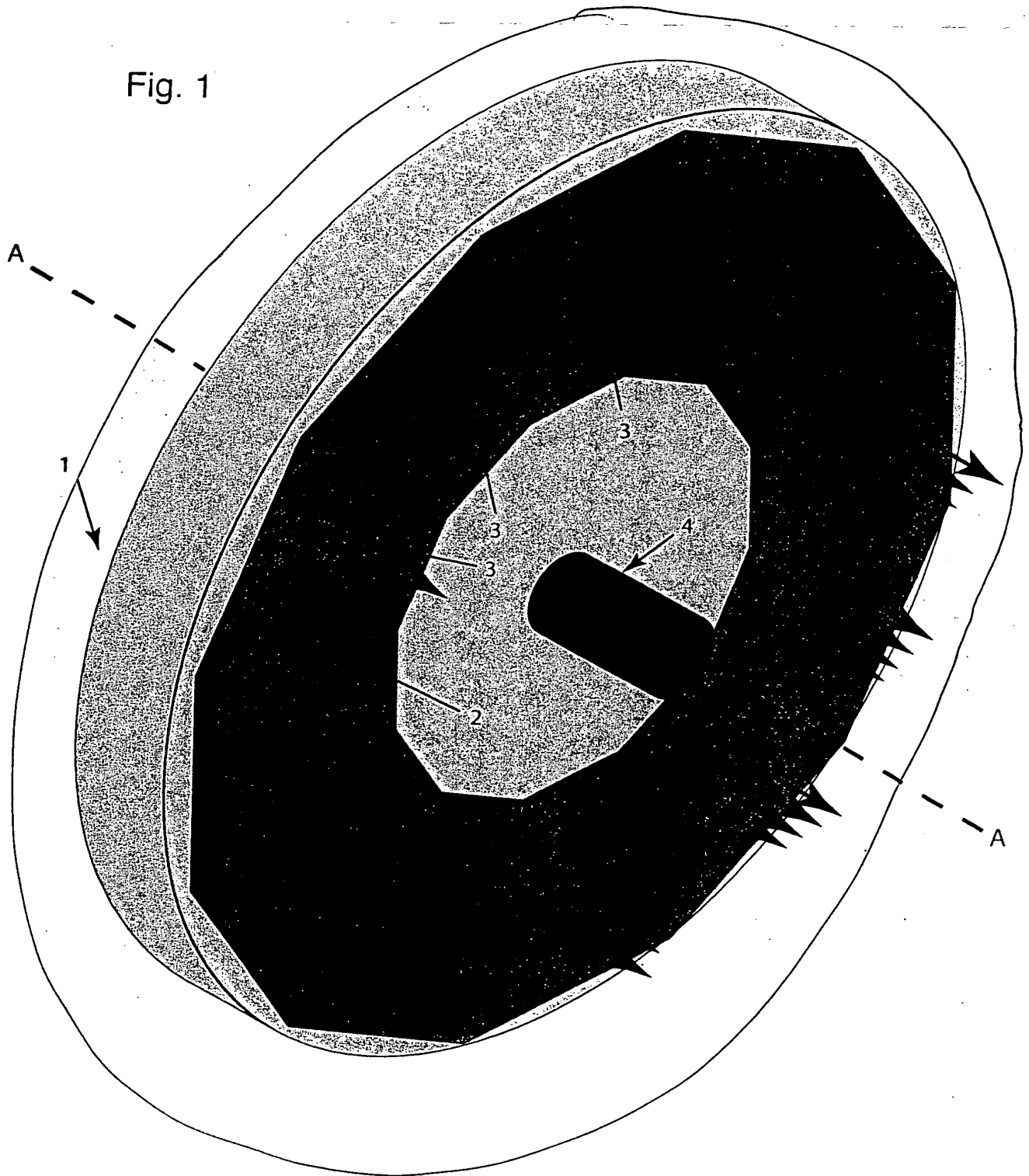
LDP/av

June 17, 2004

Lerner and Greenberg, P.A.
P.O. Box 2480
Hollywood, Florida 33022-2480
Tel.: (954) 925-1100
Fax: (954) 925-1101

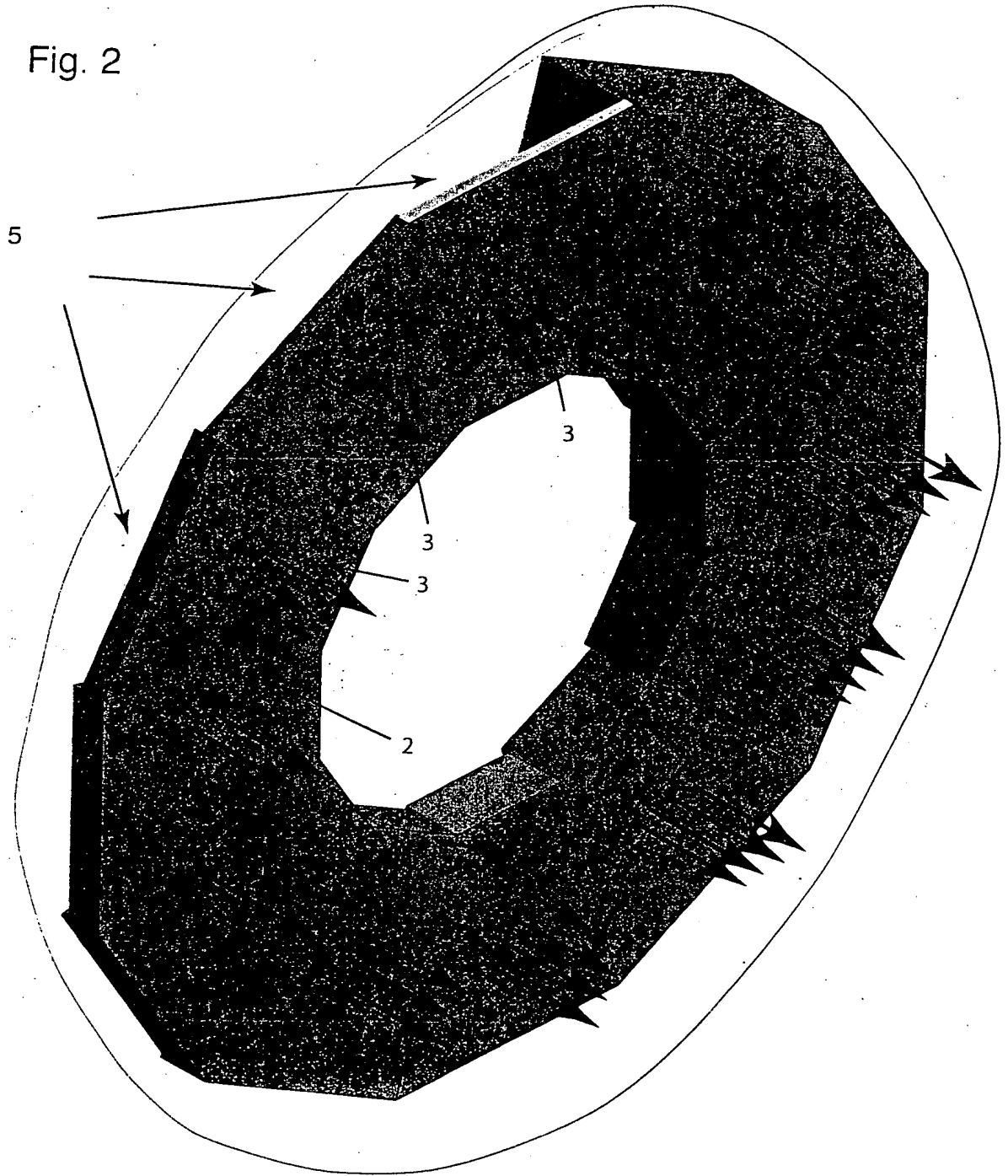
1/18

Fig. 1



2/18

Fig. 2



4/18

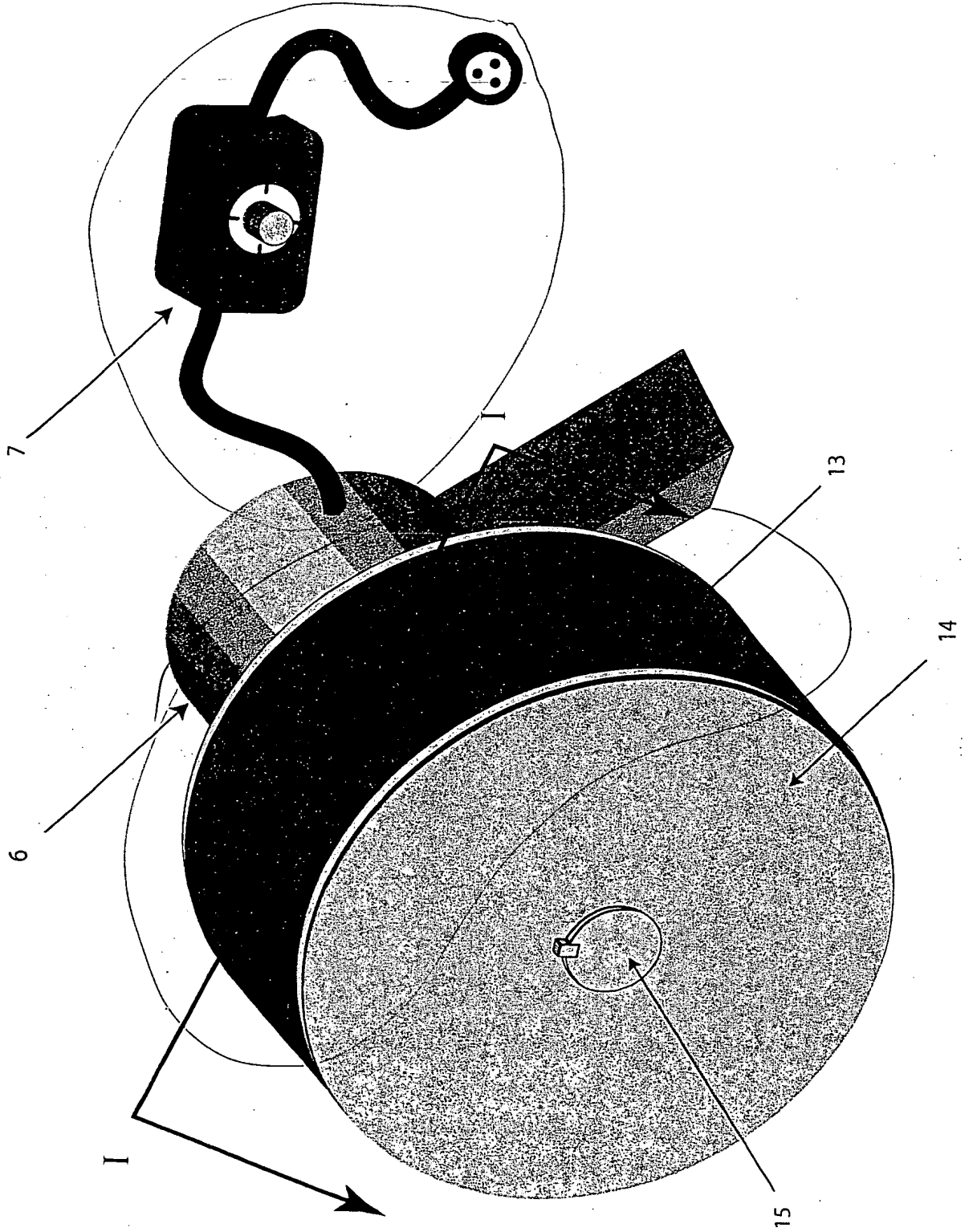


Fig. 4

9/18

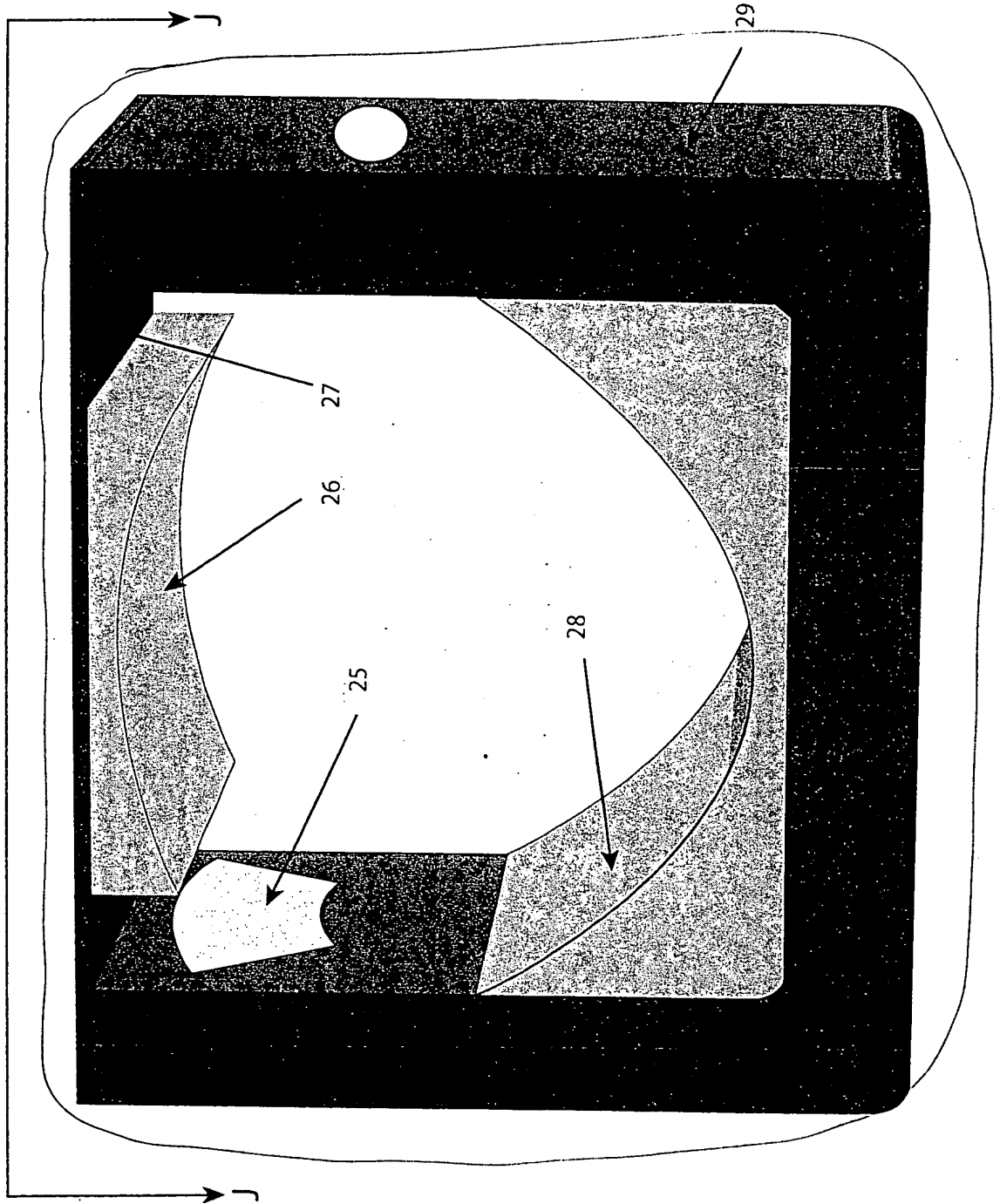


Fig. 9

102

Power coil is externally mounted

L

R_L

R_P

8

106

4000VDC
100W power supply

13

Cap

14

110

109

111

IGBT

Labels:

L is the inductance of the Power Coil

R_L is the resistance of the Power Coil

R_P is the high resistance of the decay circuit

L is the inductance of the Power Coil
 R_L is the resistance of the Power Coil
 R_r is the high resistance of the decay circuit
D is the blocking diode preventing reverse current flow
IGBT is a high speed gate that opens and closes the circuit

13/18

FIG. 13A

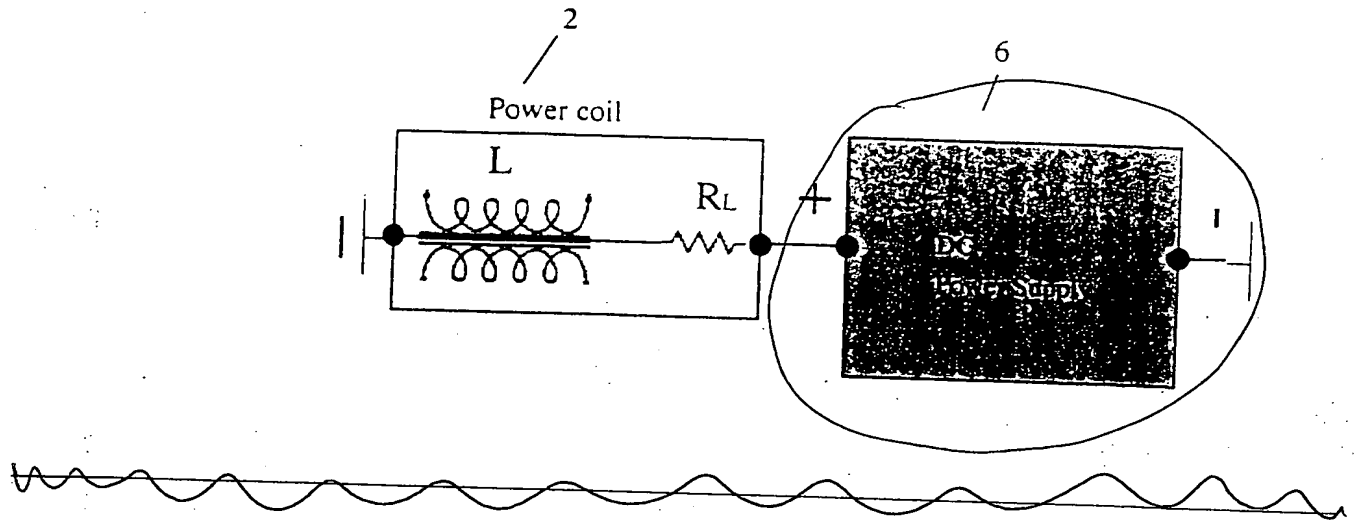


FIG. 13B

